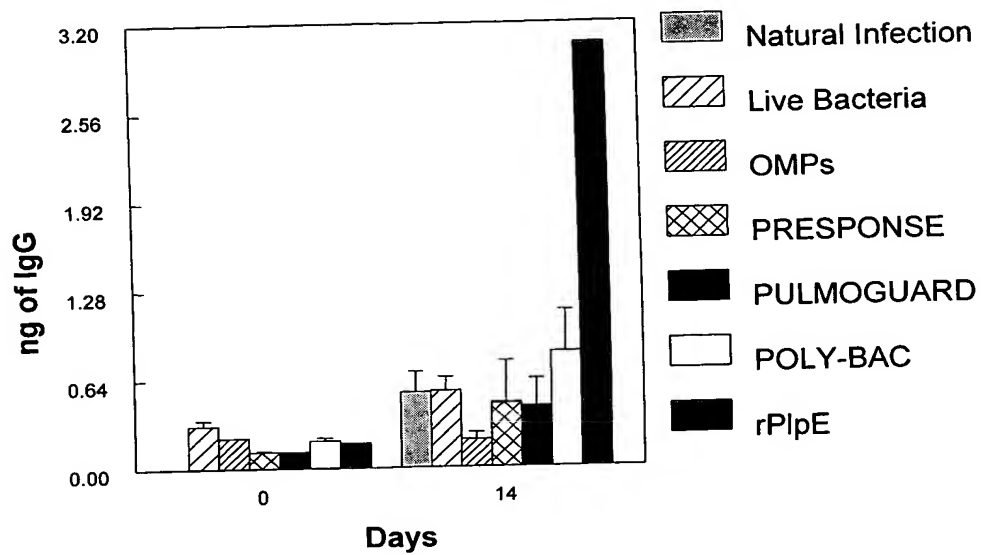
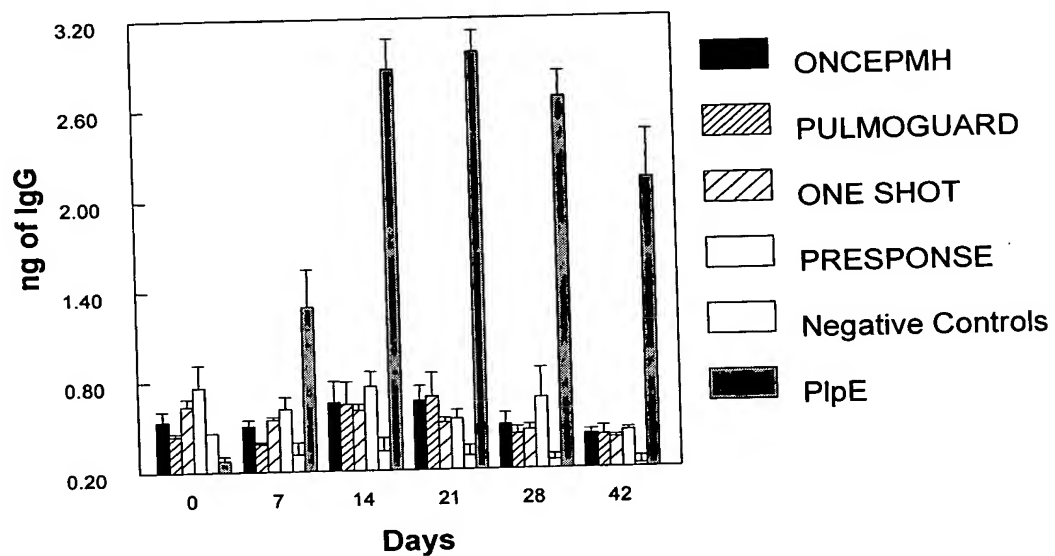


**Anti-PlpE: Commercial *M. haemolytica* Vaccines - Exp. 1**



**FIG. 2**

**Anti-PIpE:Commercial *M. haemolytica* Vaccines - Exp. 2**



**FIG. 3**

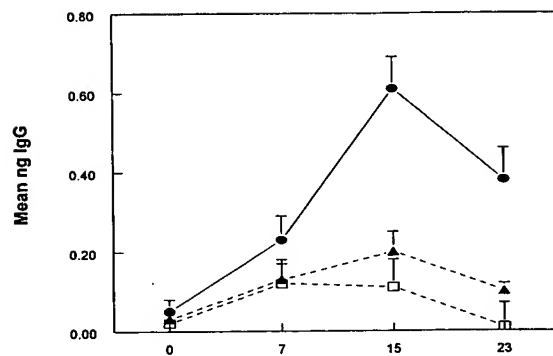


FIG. 4A

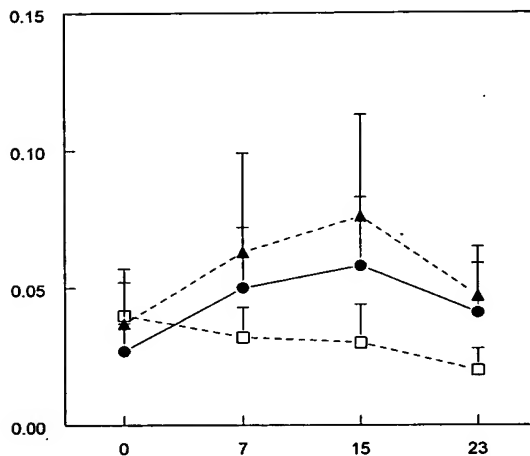


FIG. 4B

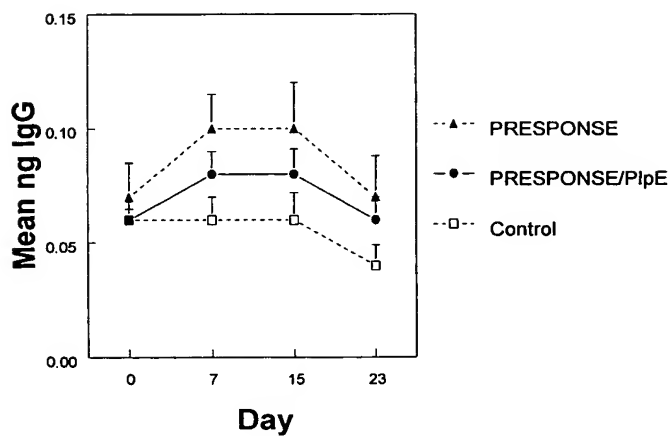


FIG. 4C

### Rectal temperatures after challenge

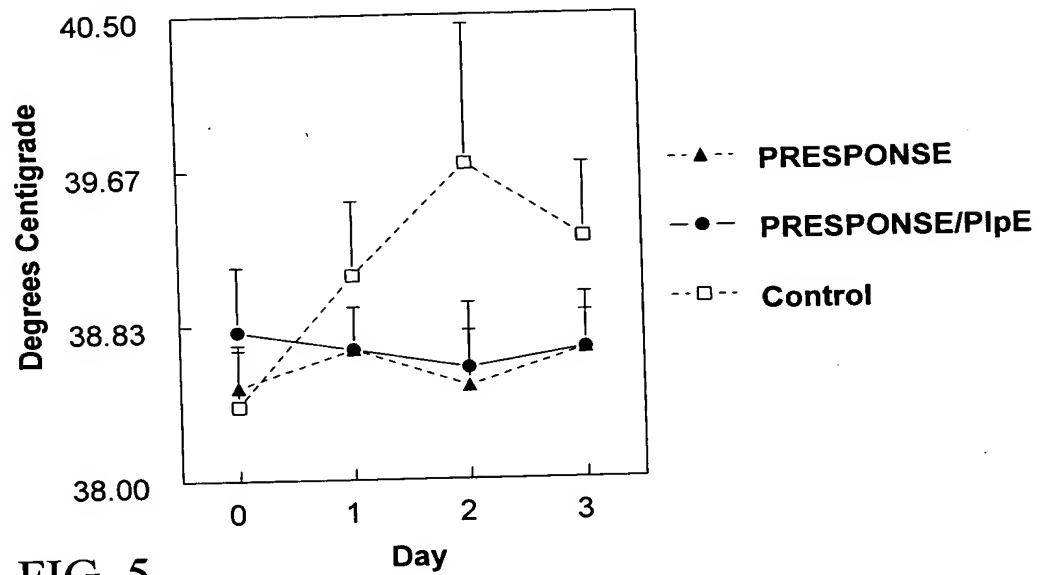


FIG. 5